



REQUEST FOR PROPOSAL

ENGINEERING DESIGN AND CONSTRUCTION SERVICES

CLARK AVENUE BRIDGE (No. 1255001) REPLACEMENT

Platte County, Missouri is requesting the services of a consulting engineering firm to perform professional design and construction services in 2014/2015 for the Clark Avenue Bridge (No. 1255001) Replacement project. If your firm would like to be considered for these consulting services, you may submit your proposal to Platte County Public Works. Proposals should be limited to no more than 5 pages (A page is defined as 8-1/2" x 11" and printed on one side. Covers, Tables of Content, and divider tabs will not count as pages, provided no additional information is included in those pages.). The proposal should include: brief project approach, project team and experience of those individuals (resumes do not count towards 5 page limit), similar projects your firm has completed, and any other information which might help us in the selection process. The County plans to make their selection from the submitted proposals.

Platte County's basic goals for this project are as follows:

- Total bridge replacement
- Cost constrained structure
- Minimal long term maintenance
- Minimal Right-of-Way acquisition
- Construction completed in 2014/2015

Consultants are encouraged to include additional value-added benefits into their approach for this proposal.

DBE firms must be listed in the MRCC DBE Directory located on MoDOT's website at www.modot.gov, in order to be counted as participation towards the established **DBE Goal of 10%**. We encourage DBE firms to submit letters of interest as prime consultants for any project they feel can be managed by their firm.

It is required that your firm's Statement of Qualification (RSMo 8.285 through 8.291) and Affidavit of Compliance with the federal work authorization program along with a copy of your firm's E-Verify Memorandum of Understanding (15CSR 60-15.020) be submitted with your Letter of Interest.

All proposals shall be received by 12:00pm (prevailing local time) on Monday, January 27, 2014 at the following location:

**Platte County Public Works
Attn: Director
15955 Hwy 273
Platte City, MO 64079**

To ask questions pertaining to this request, please contact Bob Heim at bheim@co.platte.mo.us or 816-858-2223.

The Scope of Services for the project is expected to include, but is not limited to, the following;

A. Design Phase – The Engineer will:

1. Determine the County's goals and needs for the project;
2. Conduct topographic, property and utility surveys sufficient to develop plans for the project;
3. Arrange for subsurface investigations if needed;
4. Conduct hydraulic studies, prepare alternative designs and cost estimates, develop preliminary plans, and recommend to the County the best overall general design based on these studies;
5. Submit four (4) copies of the preliminary plans, estimates and studies for review by the County and Missouri Department of Transportation (MoDOT);
6. Prepare detailed construction plans, cost estimates, specifications and related documents as necessary for the purpose of soliciting bids for constructing the project. Provisions will be made in the contract documents for that portion of the work that will be performed by County forces;
7. Secure adequate property title information, determine right-of-way requirements, prepare right-of-way plans (as required), prepare legal descriptions and tract maps (as required) and assist the County in acquiring the right-of-way deeds;
8. Ensure compliance with water quality requirements by coordinating with the Missouri Department of Natural Resources and the U.S. Army Corps of Engineers and also ensure compliance with the requirements of the Federal Emergency Management Agency (FEMA);
9. Ensure compliance with historic preservation requirements through coordination with the Missouri Department of Natural Resources, and if deemed necessary, arrange to have the site examined by a qualified archeologist on a subcontract basis;
10. Ensure compliance with all regulations in regards to noise abatement and air quality, if necessary; and
11. Provide the County with five (5) sets of completed plans, specifications and cost estimates for the purpose of obtaining construction authorization from the Missouri Department of Transportation. **These documents shall be prepared in accordance with MoDOT/FHWA requirements to make the bridge eligible for BRO funding.**

B. Bidding Phase – The Engineer will:

1. Upon receipt of construction authorization from MoDOT, make final corrections resulting from reviews by agencies involved, and provide an adequate number of plans, specifications, and bid documents to the County;
2. Provide the County with a list of Qualified bidders and assist the County in advertising for bids;

3. Assist the County in evaluating bids and requesting concurrence in award from MoDOT;
4. Provide assistance to the County in answering contractor questions regarding the plans and prepare addenda, if needed;
5. Attend a pre-bid meeting (as required);
6. Prepare the Storm Water Pollution Prevention Plan (as required).

C. Construction Phase – The Engineer will serve as the County’s representative for administering the terms of the construction contract between the County and their Contractor. Engineer will endeavor to protect the County against defects and deficiencies in workmanship and materials in work by the Contractor. However, the furnishing of such project representation will not make the Engineer responsible for the construction methods and procedures used by the Contractor or for the Contractor’s failure to perform work in accordance with the contract documents.

The Engineer’s services will include more specifically:

1. Assist the County with a preconstruction conference to discuss the project details with the Contractor;
2. Make periodic site visits to observe the Contractor’s progress and quality of work, and to determine if the work conforms to the contract documents. It is contemplated that survey staking and layout will be accomplished by the Contractor’s forces. The Engineer will accompany MoDOT and FWHA representatives on visits of the project site as requested;
3. Check shop drawings and review schedules and drawings submitted by the Contractor;
4. Reject work not conforming to the project documents;
5. Prepare change orders for issuance by the County as necessary and assure that the proper approvals are made prior to work being performed;
6. Review wage rates, postings, equal employment opportunity and other related items called for in the contract documents;
7. Inspect materials, review material certifications furnished by the Contractor, sample concrete and other materials as required, proctor/soil testing, and arrange for laboratory testing of samples by others on a subcontract basis. Independent assurance samples and tests will be performed by MoDOT personnel and such sampling and testing is excluded from the work performed by the Engineer under this contract;
8. Maintain progress diary and other project records, measure and document quantities, and prepare monthly estimates for payments due the Contractor;

9. Be present during critical construction operations, including but not limited to the following:
 - a. Structure layout;
 - b. Excavation and backfilling;
 - c. Pre-boring for pilings(If required)
 - d. Driving of piles;
 - e. Placement of girders;
 - f. Checking of reinforcing steel prior to concrete placement;
 - g. Concrete batching and pouring;
 - h. Placement of surfacing materials; and
10. Participate in semi-final inspection, final inspection, provide the County with project documentation (diaries, test results, certifications, etc.), and provide as-built plans for the County's records.

Each proposal received will be scored by the use of the attached rubric for the purpose of ranking/rating each firm. Scores will be viewed objectively on criteria and level of effort, and subjectively on experience and the design approach to help the County determine who has submitted the most responsive proposal.

End of Request for Proposal

RUBRIC SELECTION CRITERIA FOR ENGINEERING DESIGN & CONSTRUCTION SERVICES PROPOSAL

Clark Avenue Bridge Replacement

Company: _____ Date: _____

Score	Assessment Scale	(15-11) Strong	(10-6) Average	(5-1) Weak
	Project Approach	Maximum value to county. Illustrations are clear and relevant	Significant value to county. Approach does not convincingly depict maximum value	Value to county nonexistent or lacks relevance and/or clarity
	Proposal Submission Requirements	Proposal does not exceed 5 pages plus resumes	--	--
	Organization of information for coherence, emphasis, & clarity	The structure of the RFP ideas is clear, logical and effective	The structure of the RFP ideas could be clearer, more logical, and more effective	The structure of the RFP ideas lacks a sense of direction or coherence, and presents illogical sequencing of ideas
	Consultant Level of Effort	Firm presents a level of effort that provides the most cost efficient use of resources	Firm presents a level of effort that provides an average use of resources	Firm presents a level of effort that exceeds a reasonable use of resources
	Schedule	Project final delivery within 60 days of contract award	Project final delivery within 90 days of contract award	Project final delivery greater than 90 days of contract award
	Experience	Resumes of staff and company experience develop maximum confidence of the firm's ability to provide a superior product	Resumes of staff and company experience depict the firm's ability to provide a quality product	Resumes of staff and/or company experience lacks ability to provide confidence in the final product
	Other	Presentation of intangible opportunities for the community and county	--	--
	TOTAL SCORE	Notes:		

Scoring Team: Greg Sager, Hobie Crane, & Bob Heim

Platte County, Clark Avenue	
Federal Aid No.:	BRO B083(26)
Location:	Clark Avenue, Edgerton, MO Bridge No. 1255001
Proposed Improvement:	Bridge Replacement
Length:	101 ft.
Approximate Construction Cost:	\$800,000.00
DBE Goal Determination	10 %
Consultant Services Required:	Includes, but not limited to the following: Roadway: preliminary plans, right of way plans. Bridge: hydraulic analysis, field surveys, geotechnical investigation, and preliminary/final design of the new County bridge.
Other Comments:	Selection results will be announced after January 31, 2014
Contact:	Name: Bob Heim Address: 15955 Hwy 273, Platte City, MO 64079 Phone: 816-858-2223 E-mail: bheim@co.platte.mo.us
Deadline:	12:00pm (Prevailing local time), Monday, January 27, 2014
<p>Submit</p> <ul style="list-style-type: none"> Letter of interest should not exceed <u> 5 </u> pages total. A page is defined as 8-1/2" by 11" and printed on one side. Covers, Tables of Content, and divider tabs will not count as pages, provided no additional information is included in those pages. <u> 3 </u> copies of the letter interest should be received at the address and by the time specified. 	

Pursuant to the Brooks Act for Consultant Selection – the attached rubric defines the criteria and scoring basis used for selection.